

# INTERNATIONAL SEARCH REPORT

National Application No  
**PCT/IB2004/051215**

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04M1/03 H04M1/60

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 002 949 A (FORRESTER CHRISTOPHER MICHAEL ET AL) 14 December 1999 (1999-12-14)	1-8, 12, 13
Y	abstract; figure 3 column 1, lines 29-55 column 3, line 6 - column 5, line 62	9
X	EP 1 091 539 A (NOKIA MOBILE PHONES LTD) 11 April 2001 (2001-04-11) paragraphs '0003! - '0007!, '0011! - '0015! abstract; figures 2, 6, 7	1, 2, 6, 7, 12, 13
X	US 6 246 763 B1 (DUFOSSE STEPHANE) 12 June 2001 (2001-06-12)	1
Y	abstract; figures 1, 2 column 1, lines 48-65 column 2, line 32 - column 3, line 6	9
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

2 November 2004

Date of mailing of the international search report

11/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 104 808 A (ALAMEH RACHID M ET AL) 15 August 2000 (2000-08-15) the whole document -----	1,12,13

# INTERNATIONAL SEARCH REPORT

Information on patent family members

In International Application No  
PCT/IB2004/051215

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6002949	A	14-12-1999	CA	2245064 A1	18-05-1999
EP 1091539	A	11-04-2001	GB	2355128 A	11-04-2001
			EP	1091539 A2	11-04-2001
			JP	2001157288 A	08-06-2001
US 6246763	B1	12-06-2001	FR	2780233 A1	24-12-1999
			EP	0967772 A1	29-12-1999
			JP	2000092177 A	31-03-2000
US 6104808	A	15-08-2000	NONE		